

Summary Ranges [\(View\)](#)

You are given a **sorted unique** integer array `nums`.

Return the **smallest sorted** list of ranges that **cover all the numbers in the array exactly**. That is, each element of `nums` is covered by exactly one of the ranges, and there is no integer `x` such that `x` is in one of the ranges but not in `nums`.

Each range `[a, b]` in the list should be output as:

- `"a->b"` if `a != b`
- `"a"` if `a == b`

Example 1:

Input: `nums = [0,1,2,4,5,7]`

Output: `["0->2","4->5","7"]`

Explanation: The ranges are:

`[0,2] --> "0->2"`

`[4,5] --> "4->5"`

`[7,7] --> "7"`

Example 2:

Input: `nums = [0,2,3,4,6,8,9]`

Output: `["0","2->4","6","8->9"]`

Explanation: The ranges are:

`[0,0] --> "0"`

`[2,4] --> "2->4"`

`[6,6] --> "6"`

`[8,9] --> "8->9"`

Constraints:

- `0 <= nums.length <= 20`
- `-231 <= nums[i] <= 231 - 1`
- All the values of `nums` are **unique**.
- `nums` is sorted in ascending order.